
Library Construction Report

This report covers the period up to July 23, 2017 .

Work began on the footings on July 8th. There was a delay in getting footings poured due to the fact that the concrete contractor was ready to pour footings, before the “shop drawings” for the rebar reinforcement were complete and reviewed by the structural engineer. The shop drawings were prioritized in order of need, so that the footings could be done first followed by the elevator pit and the walls and other areas.

Largely, the work during the period of the 7th – 23 has focused on the footings and foundation.



The building envelope subcontractor made a suggested change to the structure that connected the exterior deck to the front of the building. His suggestion was to provide better moisture separation and would require less steel to be used and the steel that would be used, would be used more effectively. However, this meant a change to the column structure and underlying footings. These amended drawings were slow to get revised and back to the builder. This slowed down the concrete contractor who was forced to leave the site for a few days. Show is photo of the area of the changes to the structure showing the column footings and front wall footings.



This photo shows the north end of the library wall and footings as well as the elevator pit. There was a great deal of discussion about the elevator pit, the proper waterproofing method and the drainage under the pit itself.

Originally planned was a drainage line and crushed stone around the pit. The builder questioned the need for this, however as we discovered, there was a spring under the pit and this is necessary and was installed and is removing water caused by the spring now and is connected into the underdrain system.

There is also a sump in the pit itself to remove any water that might get into the pit. Mary Beth has identified a potential issue she faced with a similar sump in the construction of the Elementary School

However, the problems encountered brought to light, the working arrangements between the builder, the architect, his various consultants and the Town. A lot of effort has gone into developing a clearer communication path for answering questions in a way that doesn't slow down construction.